



The proposed list of the opening and keynote lectures - ICC 2019

Opening Speech:

“Progress of the Cement Chemistry – the Last Hundred Years and Next” – Mr. Fred Glasser

Themes :

1. Process Technology and Clinker Chemistry

- The Cement Industry on the way to a low carbon industry – Mr. Martin Schneider
- Alternative Fuels to Clinker Properties – Mr. Anjan Chatterjee

2. Hydration, Structure and Thermodynamics of Portland Cements

- (Overview) – Mrs. Karen Scrivener
- Thermodynamics – Mrs. Barbara Lothenbach
- Microstructure and its characterization – Mr. Paulo Monteiro

3. Supplementary Cementitious Materials (SCMs)

- (Overview) – Mrs. Maria Juenger
- Characterization of SCMs reaction – Mr. Jørgen Skibsted
- Fly ashes and granulated blast furnace slag – Mr. Zbigniew Giergiczny

4. Other Binders and their Application

- (Overview) - Mr. Caijun Shi, Mr. John Provis
- Hybrid Cements – Mr. Angel Palomo
- Yeelimite – Belite binders – Mr. Mohsen Ben Haha

5. Chemical Admixtures and Fresh Concrete (Fresh and Hardened Concrete)

- (Overview) – Mr. Liu Jiaping
- Concrete in 3D printing would allow – Mr. Robert Flatt
- Early age concrete properties – Mr. Ippei Maruyama
- Rheology and modelling – Mr. Nicolas Roussel

6. Concrete Durability

- (Overview) – Mr. Mike Thomas
- Modelling and service life prediction – Mr. Mark Alexander
- Cracking and chloride migration – Mr. Kefei Li
- Concrete as a sink of carbon dioxide – Mr. Ronny Andersson
- Durability of concrete in infrastructure – Mr. Jason Weiss

7. Testing Methods – Standardization and New Approach

- Cement standardization – Mr. Doug Hooton
- Concrete Performance in Concrete Standards – Mr. Vanderley John